

CHAPTER 1 RECOMMENDATIONS

521—1.1(267) Recommendation for fiscal year 1998-1999. House File 2533 (1998 Session, 77th General Assembly) proposes a \$276,729 appropriation for fiscal year 1998-99 plus an additional \$235,000 supplemental transfer appropriation to be used by the Iowa State University College of Veterinary Medicine for research into livestock diseases. The livestock health advisory council recommends that this appropriation for fiscal year 1998-99 be applied in the following manner:

1. Swine abortion and mortality syndrome (SAMS) investigation	\$20,500
2. Mycoplasma hyopneumoniae vaccine	\$14,500
3. Diagnostic test for rapid mycoplasma hyopneumoniae	\$10,000
4. Characterization of acute PRRS	\$20,000
5. Mechanism and diagnosis of PRRSV abortion	\$19,500
6. Treatment and prevention of cryptosporidiosis of calves	\$18,000
7. BRSV-induced bovine respiratory disease	\$20,000
8. Comparison of BVD vaccine-induced cellular immunity	\$20,000
9. Efficacy of a vaccine in control of Johne's disease in cattle	\$20,000
10. Prevention and control of hairy heel wart	\$11,500
11. Biosecurity protocol for establishing and maintaining a high health status beef herd in Iowa	\$20,000
12. Mechanism of scrapie	\$15,000
13. Salmonella enteritidis vaccine	\$15,000
14. Prevention and control of stunting syndrome of turkeys	\$15,000
15. Vaccine for turkey rhinotracheitis (TRT) in turkeys	\$20,000
16. Diagnostic test for mycoplasma synoviae in turkeys	\$7,500
17. Efficacy of prevention and treatment regimens for PRRSV and streptococcus suis coinfection of nursery pigs	\$15,000
18. Gene discovery in veterinary mycoplasmal pathogens	\$25,000
19. Characterization of an antiphagocytic virulence factor secreted by streptococcus suis	\$20,000
20. The effect of vaccination with a modified live virus vaccine for PRRS on the clinical response of pigs following challenge with a field isolate highly susceptible to antibody dependent enhancement of virus infection	\$8,500

21. Retrospective study of porcine circovirus infection in porcine tissues submitted to the Iowa State University diagnostic laboratory using in situ hybridization	\$13,000
22. PRRS eradication pilot study. I. Performance of diagnostic assays in identifying PRRSV carrier animals	\$28,000
23. Potential nonruminant reservoirs of escherichia coli 0157:H7	\$25,000
24. Molecular population genetic analysis of mycoplasma bovis in beef cattle outbreaks	\$9,500
25. Detection of subclinical Johne's disease	\$60,000
26. Antimicrobial resistance profiles of selected microbes in animal populations	\$23,000
27. Live vaccine against egg-transmission of salmonella enteritidis	\$4,000
28. Prevention and control of stunting syndrome of turkeys	\$4,000
29. Contingency	\$10,229

This chapter is intended to implement Iowa Code subsection 267.5(3).

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